

**ABSTRACT**

Systems and procedures are described to automatically configure an imaging device to form images on sheets of print media that are loaded in the imaging device. To accomplish this, the imaging device reads, or senses a  
5 single marking from at least one side edge of the sheet of print media. The marking includes data; the data provides orientation information with respect to how the print sheet is loaded in the imaging device. The data further includes a set of media parameter information corresponding to the sheet of print media. The imaging device configures itself to form images on the sheet of print media  
10 based on at least a portion of the sensed data from the sheet of print media.